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Patent No Kind Lan Pg Main IPC
                                     Filing Notes
           A1 6 B32B-027/04
DE 4403977
DE 9422147
              U1
                       B32B-027/04
                                       application DE 4403977
Abstract (Basic): DE 4403977 A
        A multilayered body, esp. for vehicle trim, has a carrier layer
    (4), with pref. a soft resilient intermediate layer (3) and a
    decorative layer (2). The carrier layer (4) has natural fibres (5) as a
    filler and, additionally, recyclable thermoplastic synthetic material
    as a binder.
        Pref. the carrier layer (4) is built up of three layers comprising
    a core (7) and two cover layers (8,9). The core (7) contains 50 - 70
    (pref. 50)%, thermoplastic binder, with the remainder natural fibres or
    glass fibres. The cover layers (8,9) contain more binder, pref. 70%.
    The layers of the carrier (4) are needle punched together and then
    moulded in a press with the other layers to give components about 5\ \mathrm{mm}
    thick.
        USE/ADVANTAGE - For moulded, self-supporting vehicle trim
    components such as roof or door linings. The material has improved
    stiffness during mfr. and can be easily recycled.
        Dwg.1/2
Title Terms: MULTILAYER; MATERIAL; VEHICLE; TRIM; COVER; FOAM; BOND; CARRY;
  LAYER; CONTAIN; NATURAL; FIBRE; BIND
Derwent Class: A95; P73; Q17
International Patent Class (Main): B32B-027/04
International Patent Class (Additional): B32B-005/28; B32B-027/12;
  B60R-013/02
File Segment: CPI; EngPI
Manual Codes (CPI/A-N): A11-C03; A12-T04B
Polymer Indexing (PS):
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        Q9999 Q9289 Q9212; Q9999 Q7830; B9999 B4079 B3930 B3838 B3747;
        N9999 N6906; N9999 N6246; N9999 N7192 N7023; N9999 N6600; B9999
        B5243-R B4740; Q9999 Q7829 Q7818; ND01
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  *003* 017; G2891 D00 Si 4A; A999 A419; S9999 S1070-R; A999 A771
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  *001* 017; R24078 R01852 G3634 G3623 D01 D03 D11 D10 D23 D22 D31 D42 D50
        D86 F24 F29 F26 F34 H0293 P0599; P0599; S9999 S1070-R; A999 A782;
        A999 A419
Derwent Registry Numbers: 5102-U; 5214-U
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              1 PN=DE 10004859.
      S8
?t s8/9/all
8/9/1
DIALOG(R) File 351: Derwent WPI
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             **Image available**
WPI Acc No: 2001-565231/200163
XRAM Acc No: C01-167727
XRPX Acc No: N01-420813
 Fibrous material lining for reducing noise in motor vehicles, comprises
 hollow elastic members embedded in it
Patent Assignee: SAI AUTOMOTIVE SAL GMBH (SAIA-N);
  SOMMER-ALLIBERT-LIGNOTOCK GMBH (SOMM-N)
Inventor: SCHUSTER D
Number of Countries: 094 Number of Patents: 003
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Patent Family:

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Applicat No
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                   20010809 WO 2001EP1192
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                   20010814 AU 200137364
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Priority Applications (No Type Date): DE 1004859 A 20000203
Patent Details:
Patent No Kind Lan Pg
                         Main IPC
                                     Filing Notes
WO 200157301 A1 G 18 D04H-001/54
   Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
   CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
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   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
                       D04H-001/42
DE 10004859
            A1
AU 200137364 A
                       D04H-001/54
                                     Based on patent WO 200157301
Abstract (Basic): WO 200157301 A1
        NOVELTY - A fibrous material layer (1), comprises hollow elastic
    members (4) which are embedded in it. The hollow bodies are 0.01-1.0
    mm, especially 0.02-0.1 mm in size, and make up at least 10% of the
    layer volume. The fibrous material has a bulk density of up to 150
    kg/m3.
        USE - The arrangement is used as a noise reducing lining in motor
    vehicles.
        ADVANTAGE - The material is economical, and is simple to apply.
        DESCRIPTION OF DRAWING(S) - The drawing shows the layer
        layer (1)
        elastic members (4)
        pp; 18 DwgNo 1/2
Technology Focus:
        TECHNOLOGY FOCUS - POLYMERS - Preferred Material: The fibre
   material is a polyester fleece.
Title Terms: FIBRE; MATERIAL; LINING; REDUCE; NOISE; MOTOR; VEHICLE;
 COMPRISE; HOLLOW; ELASTIC; MEMBER; EMBED
Derwent Class: A23; A93; F04; Q43
International Patent Class (Main): D04H-001/42; D04H-001/54
International Patent Class (Additional): D21H-021/52; E04B-001/84
File Segment: CPI; EngPI
Manual Codes (CPI/A-N): A05-E01B3; A12-S05A; A12-S05D; A12-S05G; A12-T04B;
 F01-E03; F04-C01; F04-E03; F04-E06
Polymer Indexing (PS):
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  *001* 018; P0839-R F41 D01 D63; S9999 S1207 S1070; S9999 S1183 S1161
        S1070; S9999 S1150 S1070,
  *002* 018; ND01; B9999 B4842 B4831 B4740; B9999 B5254 B5243 B4740; Q9999
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 10/9/1
DIALOG(R)File 351:Derwent WPI
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012566107
WPI Acc No: 1999-372213/ 199932
XRAM Acc No: C99-110056
XRPX Acc No: N99-277650
  Environmentally friendly, self-supporting molding used in cars
Patent Assignee: HP-CHEM PELZER RES & DEV LTD (HPCH-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:
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Kind

Date

Date

Week